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A study of Ricci quarter-symmetric metric connection on a Riemannian manifold. (English)

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Summary: The paper deals with the study of Einstein manifolds admitting Ricci quarter-symmetric metric connection $\bar{\nabla}$ and several interesting results are obtained.

MSC:

53C25 Special Riemannian manifolds (Einstein, Sasakian, etc.)

53C15 General geometric structures on manifolds (almost complex, almost product structures, etc.)

Cited in **3** Documents

Keywords:

Ricci quarter-symmetric metric connection; Einstein manifold; torsion-forming vector field; quasi-constant curvature